

DEVELOPING THE DICTIONARY OF INDONESIAN-JAVANESE BASED WEB USING PHP AND MySQL

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ABSTRACT

The research aims at developing a dictionary of Indonesian-Javanese based web that provides information on the translation of Indonesian-Javanese word, translated of Javanese-Indonesian word, writing Javanese font and unggah-ungguhing of javanese language. Besides it also to develop the interface output that is easily understood by users and to determine the feasibility level of dictionary of Indonesian-Javanese for the community.

The dictionary of Indonesian-Javanese based web had been developed using PHP and MySQL with the procedure of identifying needs, requirements analysis, design and testing of the dictionary program. The interface for each category was divided into menus administrator and general user menu. Testing the dictionary of Indonesian-Javanese based web was done with alpha and beta stage with samples ttechnique using a quota sampling as many as 30 people and purposive sampling as much as 2 people they were experts of material and media. Tests of instrument was using the validity and reliability test. Data collection techniques in this research were using interviews and questionnaires. Technical data analysis was using descriptive analysis because the variable is qualitative.

The results of research showed that the dictionary of Indonesian-Javanese was able to be operated in accordance with the draft design in providing information on the translation of Indonesian-Javanese word, translated word Javanese-Indonesian, writing Javanese font and unggah-ungguhing of javanese language. Word stored in this system was total 999 words. Based on the experts assessment of material and media on the feasibility level dictionary of Indonesian-Javanese for aspect of correctness, integrity and usability was categorized as decent, while for aspect of reliability can be categorized as very feasible. User assessment on the feasibility level of the dictionary of Indonesian-Javanese for aspect of correctness, reliability, integrity and usability, most of the answers were feasible.

Keywords: Dictionary of Indonesian-Javanese based Web, PHP, MySQL.